

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 238546US8CIP		SERIAL NO. 10/645,528	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT Shunichi MATSUSHITA, et al.			
				FILING DATE August 22, 2003		GROUP 3663	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
QMAU	AA	4,616,898	10-14-86	Hicks, Jr.	—	—	
	AB	4,699,452	10-13-87	Mollenauer et al	—	—	
	AC	4,805,977	2-21-89	Tamura et al	—	—	
	AD	4,881,790	11-21-89	Mollenauer	—	—	
	AE	5,883,736	3-16-99	Oshima et al	—	—	
	AF	5,887,093	3-23-99	Hansen et al	—	—	
	AG	6,115,174	9-5-00	Grubb et al	—	—	
	AH	6,292,288	9-18-01	Akasaka et al	—	—	
	AI	6,344,923	2-5-02	Blondel et al	—	—	
	AJ	US 2001/0036004	11/1/01	Ackerman et al	—	—	
	AK	6,147,794	11-2000	Stentz	—	—	
	AL	6,356,383	3-2003	Cornwell et al	—	—	
	AM	5,218,652	6-8-93	Lutz	—	—	
	AN	5,563,732	10-8-96	Erdogan et al	—	—	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
QMAU	AO	EP 1 018 666 A1	7/2000	EUROPE	X		
	AP	10-73852	3/17/98	JAPAN (with one page English Abstract)	X		
	AQ	02-012986	1/17/90	JAPAN (with one page English Abstract)	X		
	AR	WO 98/42088	9/24/98	WIPO	X		
	AS	0 615 356	09-1994	EU	x		
	AT	0 734 105 a2	9-25-96	EP			
QMAU	AU	0 877 265 a1	11-11-98	EP			
	AV						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
QMAU	AW	Fibre Raman amplifier for 1520 nm band WDM transmission, J. Kani et al., <u>Electronics Letters</u> , 3 rd September 1998, Vo. 34, No. 18, pp. 1745-1747					
	AX	Broadband Silica Fiber Raman Amplifiers at 1.3 μ m and 1.5 μ m, S.V. Chernikov et al, <u>ECOC '98</u> , 20-24 September 1998, Madrid, Spain, pp. 49-50					
	AY	Fibre Raman amplifiers for broadband operation at 1.3 μ m, D.V. Gapontsev et al, <u>Optics Communication</u> , 1 August 1999, 166 (1999), pp. 85-88					
QMAU	AZ	A 92nm Bandwidth Raman Amplifier, Karsten Rottwitt et al, <u>OFC98</u> , pp. PD6-1-PD6-4				<input checked="" type="checkbox"/> Additional References sheet(s) attached	
Examiner Mack Hellner					Date Considered 6/8/2005		
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

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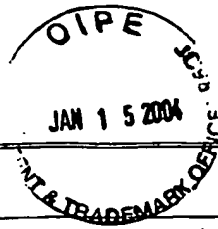
9m9d	BA	Single-Channel to Multi-Channel Upgrade of 10-Gb/s Transmission Systems by Raman Amplification, P.B. Hansen et al., <u>22nd European Conference on Optical Communication – ECOC '96, Oslo</u> , pp. 2.147-2.150.
	BC	1480nm Pumping Laser with Fiber Bragg Grating, Akira Mugino et al., Technical Report of IEICE, <u>The Institute of Electronics, Information and Communication Engineers</u> , pp. 37-42, 1998
	BD	Pump Interactions in a 100-mn Bandwidth Raman Amplifier, Howard Kidof et al, <u>IEEE Photonics Technology Letters</u> , Vol. 11, No. 5, May 1999
	BE	Properties of Fiber Raman Amplifiers and Their Applicability to Digital Optical Communication Systems, Yasuhiro Aoki, <u>Journal of Lightwave Technology</u> , Vol. 6, No. 7, July 1988
	BF	Amplified Spontaneous Raman Scattering in Fiber Raman Amplifiers, Kiyofumi Mochizuki et al., <u>Journal of Lightwave Technology</u> , No. LT-4, No. 9, pp. 1328-1333, September 1986
	BG	Optical Fiber Transmission Systems Using Simulated Raman Scattering, Theory, Kiyofumi Mochizuki, <u>Journal of Lightwave Technology</u> , Vol. LT-3, 3, June 1985, pp. 688-694
	GH	Amplified Spontaneous Raman Scattering and Gain in Fiber Raman Amplifiers, Mark L. Dakss et al., <u>Journal of Lightwave Technology</u> , Vol. LT-3, No. 4, August 1985, pp. 806-813
	BI	Polarization Effects in Fiber Raman and Brillouin Lasers, Rogers H. Stolen, <u>IEEE Journal of Quantum Electronics</u> , Vol., QE-15, No. 10, October 1979, pp. 1157-1160
	BJ	Spontaneous and Stimulated Raman Scattering in Long Low Loss Fibers, John Auyeung et al, <u>IEEE Journal of Quantum Electronics</u> , Vol. QE-14, No. 5, May 1978, pp. 347-352
	BK	Degree of polarization in jointed fibers: the Lyot depolarizer, Kiyofumi Mochizuki, <u>Applied Optics</u> , Vol. 23, No. 19, 1 October 1984, pp. 3284-3288
	BL	Performance of Lyot Depolarizers with Birefringent Single-Mode Fibers, Konrad Bohm et al, <u>Journal of Lightwave Technology</u> , Vo., LT-1, No. 1, March 1983, pp. 71-74
	BM	A, Monochromatic Depolarizer, Bruce H. Billings, <u>Journal of the Optical Society of America</u> , Vol. 41, No. 12, December, 1951, pp. 966-975
	BN	Broadband Raman Amplifier for WDM Transmission, Yoshihiro Emori et al, <u>Fifth Optoelectronics and Communications Conference (OECC 2000) Technical Digest</u> , 10-14 July 2000, pp. 26-27
	BO	Broadband Raman amplifiers design and practice, Shu Namiki et al, <u>Optical Society of America Conference</u> , Technical Digest, 9-12 July 2000, pp. 7-9
	BO	Cost-effective depolarized diode pump unit designed for C-band flat-gain Raman amplifier to control EDFA gain profile, Yoshihiro Emori et al, <u>Optical Society of America Conference</u> , March 5-10, 2000, pp. 106-108
	BQ	Lewis et al, <u>Electronics Letters</u> , Vol. 35, No. 20, September 30, 1999, pp. 1761-1762 (one page abstract only).
9m9d	BR	Yoshihiro Emori et al, State of the art in diode pumped Raman amplifiers, OAA 2001, 3 pages

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OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
9MAU	BS	Anders Bertson et al, Polarisation dependence and gain tilt of Raman amplifiers for WDM systems, <u>Optical Society of America</u> , 2000, 3 pages					
	BT	Jianping Zhang et al., Dependence of Raman Polarization Dependent Gain on Pump Degree of Polarization at High Gain Levels, <u>Optical Society of America</u> , OCC 2000, 3 pages					
	BU	N. Edagawa et al, SIMULTANEOUS AMPLIFICATION OF WAVELENGTH-DIVISION-MULTIPLEXED SIGNALS BY A HIGHLY EFFICIENT FIBRE RAMAN AMPLIFIER PUMPED BY HIGH-POWER SEMICONDUCTOR LASERS, <u>Electronics Letters</u> , February 26, 1987, Vol. 23, No. 5, pps. 196-197, (with one page abstract)					
	BV	H. Masuda et al; Ultra-wideband hybrid amplifier comprising distributed Raman amplifier and erbium-doped fibre amplifier, <u>Electronics Letters</u> , June 25, 1998, Vol. 34, No. 13, pps. 1342-1344					
	BW	Hiroji Masuda et al, 75 nm 3-dB Gain-band Optical Amplification with Erbium-doped Fluoride Fibre Amplifiers and Distributed Raman Amplifiers in 9 x 25-Gb/s WDM Transmission Experiment, <u>ECOC 97</u> , Conference Publication No. 448, September 22-25, 1997, pp. 73-76 plus one page Abstract					
	BX	K. Aida et al., Design and performance of a long-span IM/DD optical transmission system using remotely pumped optical amplifiers, <u>IEEE Proceedings</u> , Vol. 137, Pt.J, No. 4, August 1990, pp. 225-229, plus one page Abstract					
	BY	Govind P. Agrawal, Nonlinear Fiber Optics, Second Edition, <u>Academic Press</u> , 1995, pp. 328-334					
	BZ	K. I. Suzuki et al, Bidirectional 10-channel 2.5 Gbit/s WDM transmission over 250 km using 76 nm (1531-1607 nm) gain-band bidirectional erbium-doped fiber amplifiers, <u>Electronics letters</u> , August 15, 1997					
	CA	Ryuichi Sugizaki et al, Polarization insensitive broadband transparent DCF module with faraday rotator mirror, Raman-amplified by single polarization diode-laser pumping, <u>Communicat, OFC/OOC '99</u> , Technical Digest, Vol. 1, February 21-26, 1999, pp. 279-281 (with on page abstract)					
	CB	Pending U.S. Patent Application No. 09/886,211 filed June 22, 2001.					
	CC	Pending U.S. Patent Application No. 09/886,212, filed June 22, 2001.					
	CD	Pending U.S. Patent Application No. 09/944,601 filed September 4, 2001.					
	CE	Wang, L.J. et al, "Analysis of Polarization-Dependent Gain In Fiber Amplifiers", <u>IEEE J of Quantum Elect.</u> , Vol. 34, No. 3, March 1998, pp. 413-418					
	CF	Takesue, H. et al, "Stabilization of Pulsed Lightwave Circulating Around an Amplified Fiber-Optic Ring Incorporating a LOYT Depolarizer", <u>IEEE Photonic Tech. Lett.</u> , December, 1998, pp. 1748-1750					
	CG	Bruyere, F. et al. "Demonstration of an Optimal Polarization Scrambler for Long-Haul Optical Amplifier Systems", <u>IEEE Photonics Tech Lett.</u> (this reference was provided in a PTO Form 892 from the Examiner, no date was provided)					
	CH	Bennett, J.M. "Physical Optics", <u>The Handbook of Optics</u> , McGraw-Hill, 1995, pp. 5.22-5.25					
9MJD	CI	N. Edagawa et al, Amplification Characteristics of Fiber Raman Amplifiers, <u>Institute of Electronics, Information and Communication Engineers</u> , Vol. 88, No. 87, 1998 (OQE-33) pp 61-68 (including one page English translation of the Summary)					
Examiner		Mark Heller				Date Considered	
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MPV	CJ	5,481,391	1-96	Giles	—	—		
	CK	5,729,372	3-98	Terahara	—	—		
	CL	5,539,566	7-96	Terahara	—	—		
	CM	5,309,535	5-94	Bergano	—	—		
	CN	5,491,576	2-96	Bergano	—	—		
	CO	4,900,917	2-90	Dixon	—	—		
	CP	5,111,322	5-92	Bergano	—	—		
	CQ	4,941,738	7-90	Olsson	—	—		
	CR	5,345,331	9-94	Bergano	—	—		
	CS	5,600,482	2-97	Watanabe	—	—		
	CT	5,692,082	11-25-97	Fukushima	—	—		
	CU	6,342,965	11/29/02	Kinoshita	—	—		
	CV	6,151,160	11-2000	Ma et al	—	—		
	CW	5,793,512	8-98	Ryu	—	—		
	FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO			
	CX							
	CY							
	CZ							
	DA							
	DB							
	DC							
	DD							
	DE							
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)								
MPV	DF	Kim, I.S. et al, "Coherence Collapsed 1.3-M Multimode Laser Diode for the Fiber-Optic Gyroscope" (April 1995) Optics Letters Optical Society of Am Washington, Vol 20, No. 7, pp 731-733						
MPV	DG	Wang, J.S. et al, Reduction of the Degree of Polarization of a Laser Diode with a Fiber Lyot Depolarizer", (November 1999) IEEE Photonics Technology Letters Vol. 11, pp 1449-1451						
	DH							
	DI					<input type="checkbox"/> Additional References sheet(s) attached		
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Mark Hellner				6/8/2005				
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